

What is Claimed is:

1. A vein position locating device, comprising:

a vein probing head which comprises two light emitters spacedly and opposedly apart from each other to define a treatment channel therebetween, wherein said vein
5 probing head is adapted for contacting on a skin surface of a user so that each of said light emitters is adapted for emitting a light beam to penetrate through said skin surface of said user so as to visualize a vein thereunder, wherein said vein probing head is arranged for slidably moving on said skin surface of said user until said vein is aligned in said treatment channel between said two light emitters for vein treatment.

10 2. The vein position locating device, as recited in claim 1, wherein each of said light emitters has a plurality of light emitting holes spacedly formed on a bottom emitting surface of said light emitter such that said light beams pass through said light emitting holes for penetrating through said skin surface of said user to highlight said vein thereunder when said bottom emitting surfaces of said light emitters contact with said
15 skin surface of said user.

3. The vein position locating device, as recited in claim 1, wherein each of said light emitters has a transparent light guiding portion formed on a bottom emitting surface of said light emitter such that said light beams pass through said light guiding portion for penetrating through said skin surface of said user to highlight said vein
20 thereunder when said bottom emitting surfaces of said light emitters contact with said skin surface of said user.

4. The vein position locating device, as recited in claim 1, further comprising an operational control unit comprising a light generator for generating said light beam and a light transmission cable connecting said light generator with said vein probing head
25 for transmitting said light beam from said light generator to said light emitters.

5. The vein position locating device, as recited in claim 2, further comprising an operational control unit comprising a light generator for generating said light beam and a light transmission cable connecting said light generator with said vein probing head for transmitting said light beam from said light generator to said light emitters.

6. The vein position locating device, as recited in claim 3, further comprising an operational control unit comprising a light generator for generating said light beam and a light transmission cable connecting said light generator with said vein probing head for transmitting said light beam from said light generator to said light emitters.

5 7. The vein position locating device, as recited in claim 4, wherein said operational control unit further comprises a control circuit electrically connected to said light generator to selectively adjust a light intensity of said light beam generated by said light generator towards said vein probing head for allowing said light beam to penetrate through said skin surface to highlight said vein.

10 8. The vein position locating device, as recited in claim 5, wherein said operational control unit further comprises a control circuit electrically connected to said light generator to selectively adjust a light intensity of said light beam generated by said light generator towards said vein probing head for allowing said light beam to penetrate through said skin surface to highlight said vein.

15 9. The vein position locating device, as recited in claim 6, wherein said operational control unit further comprises a control circuit electrically connected to said light generator to selectively adjust a light intensity of said light beam generated by said light generator towards said vein probing head for allowing said light beam to penetrate through said skin surface to highlight said vein.

20 10. The vein position locating device, as recited in claim 7, wherein said operational control unit further comprises a portable casing having a light outlet, wherein said light generator and said control circuit are received in said portable casing while said light transmission cable is detachably engaged with said light outlet to communicatively connect with said light generator.

25 11. The vein position locating device, as recited in claim 8, wherein said operational control unit further comprises a portable casing having a light outlet, wherein said light generator and said control circuit are received in said portable casing while said light transmission cable is detachably engaged with said light outlet to communicatively connect with said light generator.

12. The vein position locating device, as recited in claim 9, wherein said operational control unit further comprises a portable casing having a light outlet, wherein said light generator and said control circuit are received in said portable casing while said light transmission cable is detachably engaged with said light outlet to communicatively connect with said light generator.

13. The vein position locating device, as recited in claim 11, wherein said light transmission cable comprises at least a light transmission fiber having a predetermined light transmittivity for transmitting said light beam generated by said light generator to said vein probing head.

14. The vein position locating device, as recited in claim 12, wherein said light transmission cable comprises at least a light transmission fiber having a predetermined light transmittivity for transmitting said light beam generated by said light generator to said vein probing head.

15. The vein position locating device, as recited in claim 1, further comprising means for retaining said vein to align within said treatment channel.

16. The vein position locating device, as recited in claim 13, further comprising means for retaining said vein to align within said treatment channel.

17. The vein position locating device, as recited in claim 14, further comprising means for retaining said vein to align within said treatment channel.

18. A method of locating a vein under a skin surface of a user by a vein position locating device which comprises a vein probing head comprising two spaced apart light emitters to define a treatment channel therebetween, wherein said vein position locating method comprises the steps of:

(a) contacting said vein probing head on said skin surface of said user wherein said two light emitters emit a light beam to penetrate through said skin surface of said user to highlight said vein; and

(b) aligning said vein with said treatment channel for vein treatment through said treatment channel.

19. The method as recited in claim 18, in step (a), further comprising a step of adjusting a light intensity of said light beam from said light emitters for allowing said light beam to penetrate through said skin surface to highlight said vein so as to best visualize said vein within said treatment channel.

5 20. The method as recited in claim 19, in step (b), further comprising a step of fastening said vein probing head to said user's body to retain said vein within said treatment channel.